

Section SF 1449 - CONTINUATION SHEET

SPECIFICATIONS

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Sodium Bisulfite - $\text{Na}_2\text{S}_2\text{O}_5$

1. **Requirement** – It is required that an agreement be established to furnish, in accordance with these specifications, all of the Washington Aqueduct Dalecarlia Water Treatment Plants (WTPs) requirements for Sodium Bisulfite ($\text{Na}_2\text{S}_2\text{O}_5$) during the period of October 1, 2003 to September 30, 2004.

2. **General** – The purpose of this specification is to provide the minimum requirements for Sodium Bisulfate including physical, chemical, shipping, and testing requirements.

3. **Physical Requirement** –
 - (a) The product supplied shall be free from lumps and foreign matter.
 - (b) The $\text{Na}_2\text{S}_2\text{O}_5$ shall be a free flowing powder.
 - (c) The Sodium Bisulfite supplied is a yellowish liquid with a pungent sulfur dioxide odor.
 - (d) Sodium Bisulfite's molecular weight is 104.06 g/mol.
 - (e) The $\text{Na}_2\text{S}_2\text{O}_5$ boiling point is 104°C.
 - (f) A 38% $\text{Na}_2\text{S}_2\text{O}_5$ solution's specific gravity is 1.33.
 - (g) The 38% solution's pH is between 4.3 and 5.3.

4. **Quality** –

The Sodium Bisulfite supplied shall contain no mineral or organic substances in quantities capable of producing deleterious or injurious effects on the health of those consuming water that has been properly treated with Sodium Bisulfite.

The $\text{Na}_2\text{S}_2\text{O}_5$ shall be certified as suitable for contact with or treatment of drinking water by an accredited certification organization in accordance with ANSI/NSF Standard 60, Drinking Water Treatment Chemicals – Health Effects.

The product shall be in approved in accordance with AWWA B601-93 and this specification. This specification shall take precedence over AWWA B601-93 regarding Sodium Bisulfite quality.

The Sodium Bisulfite supplied by the Contractor is a 38% solution.

 - (e) Failure to comply with this requirement may, at the discretion of the Washington Aqueduct, be considered grounds for cancellation of the contract for the remainder of the contract period.

- (f) The Contractor shall provide a letter stating the $\text{Na}_2\text{S}_2\text{O}_5$ meets NSF approval to reduce chlorine in a municipal water supply with the contract bid.

The Sodium Bisulfite shall be supplied by an ISO 9002 quality standard certified company and from a specific plant or site holding this certification. The Contractor shall supply a copy of a valid certification with the bid.

5. **Affidavit of Compliance** –

- (a) The Contractor shall submit an affidavit of compliance stating the quality of Sodium Bisulfite complies with these specifications. The affidavit shall accompany each delivery.
- (b) The affidavit of compliance verifies that the $\text{Na}_2\text{S}_2\text{O}_5$ meets the quality parameters as specified and detailed in Section 3 and 4 above.
- (c) The affidavit of compliance shall also contain the date of shipment.
- (d) The person(s) authorized to certify the affidavit of compliance must have experience with the product.

6. **Certified Laboratory Report** –

- (a) A certified laboratory report shall be submitted to the Washington Aqueduct:

**Washington Aqueduct
Dalecarlia Water Treatment Plant
5900 MacArthur Blvd., N.W.
Washington, D.C. 20016-2514
Attention: Woody Peterson**

- (b) The report must be received by the Washington Aqueduct within 7 calendar days of the initial delivery and shall verify the Sodium Bisulfite meets the requirements of specification Section 3, and 4.
- (c) The person(s) authorized to certify the laboratory report must have experience with laboratory work.

7. **Quantity** –

- (a) The Sodium Bisulfite delivery requirements are as stated in Section 8 below.
- (b) The established requirements are given as a minimum and maximum amount to be delivered.
- (c) It is the intent of this agreement to require the Contractor to furnish all the Washington Aqueduct's $\text{Na}_2\text{S}_2\text{O}_5$ requirements at the Dalecarlia WTP mentioned below.
- (d) Any difference between the actual quantity delivered compared to the estimated quantity shall not entitle the Contractor to an adjustment in the unit price or to any other compensation.

8. **Delivery** –

- (a) The Contractor shall deliver Sodium Bisulfite in 55-gallon drums. The drum material shall be compatible with $\text{Na}_2\text{S}_2\text{O}_5$.
- (b) The Sodium Bisulfite deliveries shall be to the following Government facility:

**Washington Aqueduct
Dalecarlia Water Treatment Plant
Plant Operations Branch
5900 MacArthur Blvd., N.W.
Washington, D.C. 20016-2514**

- (c) The Contractor shall supply the Dalecarlia WTP with a minimum of 5 $\text{Na}_2\text{S}_2\text{O}_5$ drums and a maximum of 30.
- (d) The Sodium Bisulfite minimum shipment quantity shall be 5 drums at a time.
- (e) The transfer of chemicals from the cargo trailer shall be considered the responsibility of the Contractor and the cargo trailer operator.
- (f) The Contractor shall make the deliveries within 4 calendar days after notification except for emergency deliveries, which might include holidays and night hours. Emergency deliveries may be required within 8 hours after notification at no additional cost to the Washington Aqueduct.
- (g) The Contractor shall immediately notify the Dalecarlia WTP 202-764-2700 of any delay to a scheduled delivery. The Contractor shall arrange for an alternate delivery time.
- (h) All deliveries shall be made between the hours of 7:00 a.m. and 2:30 p.m. Monday thru Friday excluding holidays. The Contracting Officer's Representative must approve any exception to this requirement.
- (i) The Contractor shall be reimbursed for demurrage charges incurred as a result of delays caused by the Washington Aqueduct whenever unloading has not started within 2 hours after arrival.

9. **Condition of Cargo Trailers** –

- (a) All cargo trailers and 55 gallon drums used for the delivery of the Sodium Bisulfite, under this agreement, shall be in good mechanical order and shall be in full compliance with the applicable requirements of the

Hazardous Materials Regulations of the Department of Transportation, Code of Federal Regulations, as currently issued.

- (b) Any cargo trailer found leaking chemicals should not be allowed to depart any facility until the Contractor or his designated representative makes appropriate repairs.
 - (c) Any cargo trailer found to be leaking chemicals should be considered an emergency situation requiring immediate attention by the Contractor.
- 10. **Safety Requirement** – The cargo trailer operator shall wear the appropriate protective face and body apparel, as required by the Occupational Safety and Health Act, when unloading the $\text{Na}_2\text{S}_2\text{O}_5$.
- 11. **Spillage** –
 - (a) The Contractor and the cargo trailer operator shall be responsible for all spillage clean-up, contaminated matter, and the removal of all contaminated cleanup material.
 - (b) The Dalecarlia WTP 202-764-2700 shall be notified immediately of any spillage.
- 12. **Rejection of Deliveries** –
 - (a) The Washington Aqueduct reserves the right to reject any delivery which does not conform to these specifications or which has been contaminated.
 - (b) Upon arrival at a facility, the cargo trailer operator shall present to on-site personnel the following items:
 - (1) Contractor's shipping invoice
 - (2) Affidavit of compliance (see Section 5)
 - (c) The Washington Aqueduct may at any time visually inspect the Sodium Bisulfite for proper color and other evidence of contamination.
- 13. **Information of Contractor** – The Contractor shall forward to the Washington Aqueduct, upon award of contract, the following information:
 - (a) Sales Office Information including:
 - (1) Address
 - (2) Telephone number(s)
 - (3) Normal working hours
 - (4) Responsible personnel
 - (b) Ordering Office Information:
 - (1) Telephone number(s)
 - (i) During working hours
 - (ii) During non-working hours
 - (2) Normal working hours
 - (3) Responsible personnel

(c) Chemical-Emergency Assistance (24 hours a day)

- (1) Telephone number(s)
- (2) Responsible personnel

14. **Product Information Bulletin, NSF Listing, Material Safety Data Sheet** –

Upon contract award, one set of reproducible originals (along with reproduction rights) of the product Information Bulletin, a NSF letter of acceptance, and Material Safety Data Sheet for the Sodium Bisulfite supplied shall be forwarded by the Contractor to:

Washington Aqueduct
Dalecarlia Water Treatment Plant
Plant Operations Branch
5900 MacArthur Blvd., N.W.
Washington, D.C. 20016-2514
Attention: Woody Peterson

15. **Chemical Delivery Security** –

- (a) Upon contract award, the Contractor shall send the names and photographs of the cargo trailer operators making deliveries to:

Washington Aqueduct
Plant Operations Branch
5900 MacArthur Blvd., N.W.
Washington, D.C. 20016-2514
Attention: Woody Peterson

- (b) The Contractor shall provide the Dalecarlia WTP 202-764-2700 with the cargo trailer operator's name prior to the delivery leaving the Sodium Bisulfite plant. This allows the Dalecarlia Operations Branch time to match the cargo trailer operator name and photo identification prior to arrival.
- (c) Each cargo trailer used to deliver $\text{Na}_2\text{S}_2\text{O}_5$ drums shall be totally enclosed. Open flat bed cargo trailers are not acceptable.
- (d) The Sodium Bisulfate drum lot numbers shall be faxed to the Dalecarlia WTP 202-764-2401 as part of the bill of lading and packing slip. This lot number can be checked to assure the cargo has not been tampered with.

The Dalecarlia WTP 202-764-2700 shall be immediately notified of any changes in the driver, cargo trailer, and or delivery schedu

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	Provide Sodium Bisulfite FFP PROVIDE SODIUM BISULFITE DURING THE PERIOD: 01 OCTOBER 2003 THRU 30 SEPTEMBER 2004 IN ACCORDANCE WITH THE ATTACHED SPECIFICATIONS GOVT POC: JOHN PETERSON @ (202) 764-0009 GOVT POC: RANDY HILL @ (202) 764-2727 BUYER POC: CHERI AMES @ (410) 962-3526 PURCHASE REQUEST NUMBER: 96311M-3224-5341	30	Drum		

 NET AMT

FOB: Destination

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0001	N/A	N/A	N/A	Government

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0001	POP 01-OCT-2003 TO 30-SEP-2004	N/A	PLANT OPERATIONS BRANCH JOHN PETERSON 5900 MACARTHUR BLVD NW WASHINGTON DC 20315-0220 202-764-0009 FOB: Destination	

CLAUSES INCORPORATED BY REFERENCE

52.211-17	Delivery of Excess Quantities	SEP 1989
52.212-1	Instructions to Offerors--Commercial Items	OCT 2000
52.212-4	Contract Terms and Conditions--Commercial Items	FEB 2002
52.214-34	Submission Of Offers In The English Language	APR 1991
52.214-35	Submission Of Offers In U.S. Currency	APR 1991
52.219-3	Notice of Total HUBZone Set-Aide	JAN 1999
52.219-6	Notice Of Total Small Business Set-Aside	JUL 1996
52.219-6 Alt I	Notice of Total Small Business Set-Aside (Jul 1996) - Alternate I	OCT 1995
52.222-3	Convict Labor	AUG 1996
52.222-41	Service Contract Act Of 1965, As Amended	MAY 1989
52.232-28	Invitation to Propose Performance-Based Payments	MAR 2000
52.232-33	Payment by Electronic Funds Transfer--Central Contractor Registration	MAY 1999
52.233-3	Protest After Award	AUG 1996
52.242-15	Stop-Work Order	AUG 1989
52.243-5	Changes and Changed Conditions	APR 1984
52.246-1	Contractor Inspection Requirements	APR 1984
52.253-1	Computer Generated Forms	JAN 1991
252.204-7003	Control Of Government Personnel Work Product	APR 1992
252.204-7004	Required Central Contractor Registration	NOV 2001
252.219-7011	Notification to Delay Performance	JUN 1998
252.225-7001	Buy American Act And Balance Of Payments Program	MAR 1998
252.225-7002	Qualifying Country Sources As Subcontractors	DEC 1991
252.225-7016	Restriction On Acquisition Of Ball and Roller Bearings	DEC 2000
252.243-7001	Pricing Of Contract Modifications	DEC 1991
252.246-7000	Material Inspection And Receiving Report	DEC 1991

CLAUSES INCORPORATED BY FULL TEXT

52.207-4 ECONOMIC PURCHASE QUANTITY--SUPPLIES (AUG 1987)

(a) Offerors are invited to state an opinion on whether the quantity(ies) of supplies on which bids, proposals or quotes are requested in this solicitation is (are) economically advantageous to the Government.

Each offeror who believes that acquisitions in different quantities would be more advantageous is invited to recommend an economic purchase quantity. If different quantities are recommended, a total and a unit price must be quoted for applicable items. An economic purchase quantity is that quantity at which a significant price break occurs. If there are significant price breaks at different quantity points, this information is desired as well.

OFFEROR RECOMMENDATIONS
 PRICE
 ITEM QUANTITY QUOTATION TOTAL

(c) The information requested in this provision is being solicited to avoid acquisitions in disadvantageous quantities and to assist the Government in developing a data base for future acquisitions of these items. However, the Government reserves the right to amend or cancel the solicitation and resolicit with respect to any individual item in the event quotations received and the Government's requirements indicate that different quantities should be acquired.

(End of provision)

52.212-2 EVALUATION--COMMERCIAL ITEMS (JAN 1999)

(a) The Government will award a contract resulting from this solicitation to the responsible offeror whose offer conforming to the solicitation will be most advantageous to the Government, price and other factors considered. The following factors shall be used to evaluate offers: Quality, Price and Delivery

(Contracting Officer shall insert the significant evaluation factors, such as (i) technical capability of the item offered to meet the Government requirement; (ii) price; (iii) past performance (see FAR 15.304); (iv) small disadvantaged business participation; and include them in the relative order of importance of the evaluation factors, such as in descending order of importance.)

Technical and past performance, when combined, are very significant. (Contracting Officer state, in accordance with FAR 15.304, the relative importance of all other evaluation factors, when combined, when compared to price.)

(b) Options. The Government will evaluate offers for award purposes by adding the total price for all options to the total price for the basic requirement. The Government may determine that an offer is unacceptable if the option prices are significantly unbalanced. Evaluation of options shall not obligate the Government to exercise the option(s).

(c) A written notice of award or acceptance of an offer, mailed or otherwise furnished to the successful offeror within the time for acceptance specified in the offer, shall result in a binding contract without further action by either party. Before the offer's specified expiration time, the Government may accept an offer (or part of an offer), whether or not there are negotiations after its receipt, unless a written notice of withdrawal is received before award.

(End of clause)

52.212-5 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS--COMMERCIAL ITEMS (APR 2001) (DEVIATION)

(a) Comptroller General Examination of Record. The Contractor agrees to comply with the provisions of this paragraph (a) if this contract was awarded using other than sealed bid, is in excess of the simplified acquisition threshold, and does not contain the clause at 52.215-5, Audit and Records-Negotiation.

(1) The Comptroller General of the United States, or an authorized representative of the Comptroller General, shall have access to the right to examine any of the Contractor's directly pertinent records involving transactions related to this contract.

(2) The Contractor shall make available at its offices at all reasonable times, the records, materials, and other evidence for examination, audit, or reproduction, until 3 years after final payment under this contract or for any shorter period specified in FAR Subpart 4.7, Contractor Records Retention, of the other clauses of this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the

settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved.

(3) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of form. This does not require the Contractor to create or maintain any record that the contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

(b) The Contractor is not required to include any FAR clause, other than those listed below (and as may be required by an addenda to this paragraph to establish the reasonableness of prices under Part 15), in a subcontract for commercial items or commercial components –

(1) 52.222-26, Equal Opportunity (E.O. 11246);

(2) 52.222-35, Affirmative Action for Disabled Veterans and Veterans of the Vietnam Era (38 U.S.C. 4212);

(3) 52.222-36, Affirmative Action for Workers with Disabilities (29 U.S.C. 793); and

(4) 52.247-64, Preference for Privately-Owned U.S.- Flag Commercial Vessels (46 U.S.C. 1241)(flow down not required for subcontracts awarded beginning May 1, 1996).

(5) 52.222-41, the Service Contract Act as Amended (41 U.S.C. 351, et seq.) Subcontracts for certain commercial services may be exempt from coverage if they meet the criteria in FAR 22.1103-4(c) or (d) (see DoD class deviation number 2000-O0006).

(End of clause)

52.223-11 OZONE-DEPLETING SUBSTANCES (MAY 2001)

(a) Definition. Ozone-depleting substance, as used in this clause, means any substance the Environmental Protection Agency designates in 40 CFR part 82 as--

(1) Class I, including, but not limited to, chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform; or

(2) Class II, including, but not limited to, hydrochlorofluorocarbons.

(b) The Contractor shall label products which contain or are manufactured with ozone-depleting substances in the manner and to the extent required by 42 U.S.C. 7671j (b), (c), and (d) and 40 CFR Part 82, Subpart E, as follows:

“WARNING: Contains (or manufactured with, if applicable), a substance(s) which harm(s) public health and environment by destroying ozone in the upper atmosphere.”-----

The Contractor shall insert the name of the substance(s).

(End of clause)

52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FEB 1998)

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its

quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at this/these address(es):

<http://www.arnet.gov/far>
<http://www.farsite.hill.af.mil>
<http://www.dtic.mil/dfars>
<http://www.ccr.gov/index.cfm>
<http://www.ebs.nab.usace.army.mil>
<http://www.sba.gov/regulations/siccodes>
<http://www.dnb.com>

(End of provision

52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

<http://www.arnet.gov/far>
<http://www.farsite.hill.af.mil>
<http://www.dtic.mil/dfars>
<http://www.ccr.gov/index.cfm>
<http://www.ebs.nab.usace.army.mil>
<http://www.sba.gov/regulations/siccodes>
<http://www.dnb.com>

(End of clause)

252.212-7001 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS APPLICABLE TO DEFENSE ACQUISITIONS OF COMMERCIAL ITEMS (APR 2001) (DEVIATION)

(a) In addition to the clauses listed in paragraph (b) of the Contract Terms and Conditions Required to Implement Statutes or Executive Orders--Commercial Items (DEVIATION) clause of this contract, the Contractor shall include the terms of the following clause, if applicable, in subcontracts for commercial items or commercial components, awarded at any tier under this contract:

252.225-7014	Preference for Domestic Specialty Metals, Alternate I (MAR 1998) (10 U.S.C. 2533a).
252.247-7023	Transportation of Supplies by Sea (MAR 2000) (10 U.S.C. 2631)
252.247-7024	Notification of Transportation of Supplies by Sea (MAR 2000) (10 U.S.C. 2631)

(End of clause)

252.225-7000 BUY AMERICAN ACT--BALANCE OF PAYMENTS PROGRAM CERTIFICATE
(SEP 1999)

(a) Definitions. Domestic end product, qualifying country, qualifying country end product, and qualifying country end product have the meanings given in the Buy American Act and Balance of Payments Program clause of this solicitation.

(b) Evaluation. Offers will be evaluated by giving preference to domestic end products and qualifying country end products over nonqualifying country end products.

(c) Certifications. (1) The Offeror certifies that--

(i) Each end product, except those listed in paragraphs (c) (2) or (3) of this provision, is a domestic end product; and

(ii) Components of unknown origin are considered to have been mined, produced, or manufactured outside the United States or a qualifying country.

(2) The Offeror certifies that the following end products are qualifying country end products:

Qualifying Country End Products

<u>Line Item Number</u>	<u>Country of Origin</u>
1	USA

(List only qualifying country end products.)

(3) The Offeror certifies that the following end products are nonqualifying country end products:

Nonqualifying Country End Products

<u>Line Item Number</u>	<u>Country of Origin (If known)</u>
1	USA

(End of provision)